

WHAT IS CLAIMED IS:

1. A fuel tank for a motor vehicle whose inner face is processed with an inorganic coating agent comprising (A) fine particles carrying silver and/or copper and (B) inorganic fine particles.

2. The fuel tank according to claim 1, wherein the fine particles carrying silver and/or copper are at least one selected from the group consisting of an aluminosilicate, a phosphate, a silicate, a carbonate, a metal oxide, a metal hydroxide, a metal nitride and a metal carbide.

3. The fuel tank according to claim 1 or 2, wherein the content of ingredient (A) is 2 to 20 parts by weight based on 100 parts by weight of the inorganic coating agent (in terms of solid content).

4. The fuel tank according to claim 1, wherein ingredient (B) is fine particles or a fibrous material of at least one selected from the group consisting of silicon dioxide, aluminum silicate, calcium silicate, calcium magnesium silicate, calcium phosphate, magnesium silicate, zirconium silicate, mica, talc, kaolin, aluminum oxide, aluminum hydroxide, zinc oxide, zinc carbonate, barium carbonate, zinc hydroxide, titanium oxide whisker, iron oxide, zirconium oxide, zirconium hydroxide, calcium carbonate, silicon nitride, basic zinc molybdate, basic calcium molybdate, potassium titanate (whisker), tin oxide, silicate glass, a synthetic oxide, a

silicate compound, a carbonate compound, carbon, strontium chromate, chromium oxide, nickel oxide, magnesium carbonate, silicon carbide and a natural mineral powder.

5. The fuel tank according to claim 1, wherein the content of ingredient (B) is 5 to 50 parts by weight, in terms of solid content, based on 100 parts by weight of the coating agent (in terms of solid content).

6. The fuel tank according to claim 1, wherein the inorganic coating agent further comprises (C) at least one binder selected from the group consisting of a synthetic resin, a metal alkoxide, a metal hydroxide, and a combination of an alkali metal salt and a curing agent.

7. The fuel tank according to claim 6, wherein the content of ingredient (C) is 7 to 40 parts by weight, in terms of solid content, based on 100 parts by weight of the coating agent (in terms of solid content).

8. The fuel tank according to claim 1, wherein the inorganic coating agent contains (D) a dispersing medium.

9. The fuel tank according to claim 8, wherein (D) the dispersing agent is water and/or an organic solvent.

10. The fuel tank according to claim 8, wherein the content of (D) the dispersing agent is 25 to 75 parts by weight, in terms of solid content, based on 100 parts by weight of the coating agent (in terms of solid content).

11. A method for producing a fuel tank for a motor vehicle,

which comprises applying the inorganic coating agent according to any one of claims 1 to 10 onto an inner face of the fuel tank, followed by drying and curing.

12. The method according to claim 11, wherein the amount of the coating agent applied is 80 to 300 g/m<sup>2</sup> by dry weight.

13. The method according to claim 11, wherein the inorganic coating agent is dried and cured at a temperature of 80 to 200°C for 10 to 100 minutes.